

MONTHLY OPERATIONS REPORT

November 2015

Town of Discovery Bay, CA

2284 Days of Safe Operations

103,311 worked hours since last recordable incident

TRAINING:

Safety, Operations, & Equipment

Safety	Hours
West Monthly Regional Safety Webinar	4.0
Weekly Safety Topics	
Monthly Safety Topics	
Hearing Testing/Conservation	
Operations	

REPORTS SUBMITTED TO REGULATORY AGENCIES

Monthly Discharge Monitoring Report (DMR)
Monthly electronic State Monitoring Report (eSMR)
Monthly Coliform Report, State Water Board (WD)

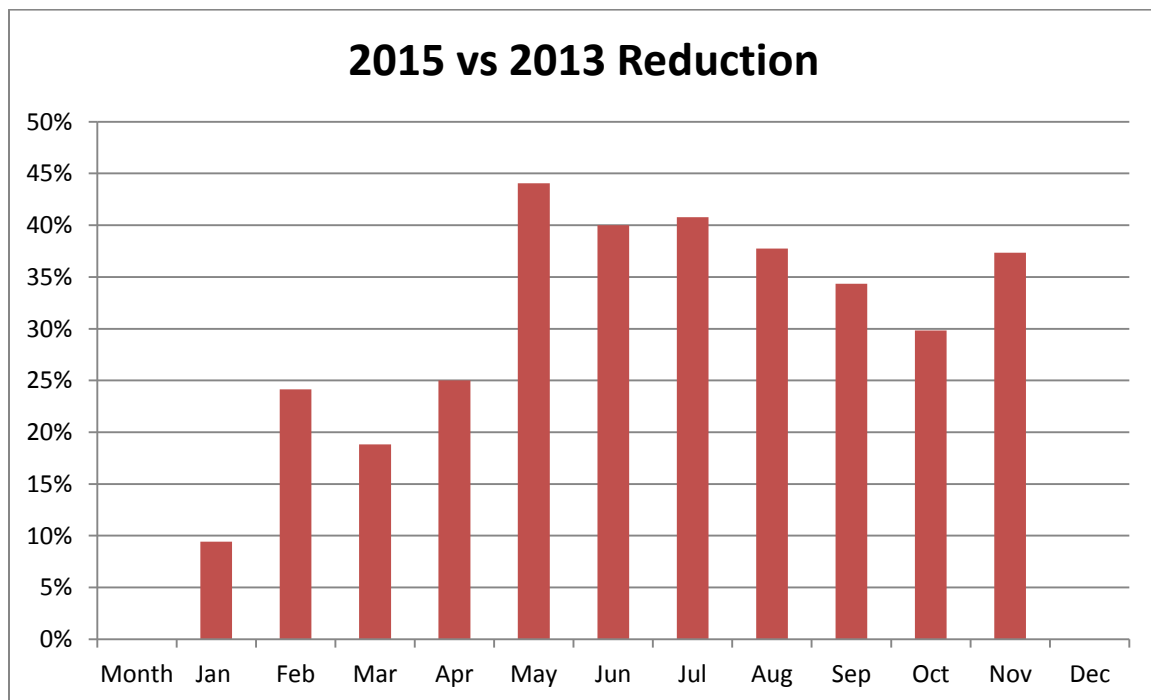
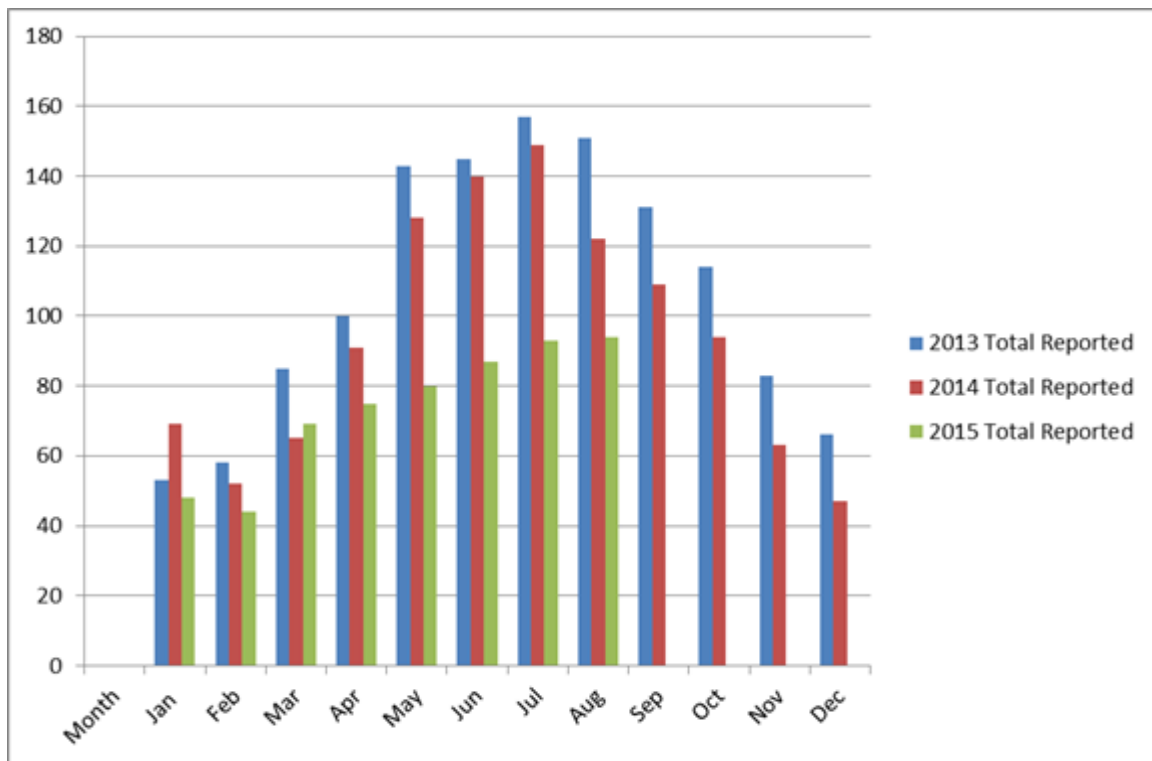
WATER SERVICES

# of Active Wells	Water Produced (MG)	Chemical (Hypo) Delivered	Fire Hydrant Flushing
5	52	2345	1

Note: Well 5 is off line, Replaced by Well #7

2015 Water Production Table (MG) by Month

January	February	March	April	May	June
48	44	70	75	80	87
July	August	September	October	November	December
93	94	86	80	52	



Reused Water:

1.3 MG – July

1.2 MG- October

1.9 MG – August

1.7 MG – November

5.4 MG- September

Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	Brown Water Calls
16	0	0	0

WASTEWATER SERVICE

Wastewater Laboratory Analysis

<i>WW Effluent Parameter</i>	<i>Permit Limits</i>	<i>October Lab Data</i>	<i>November Lab Data</i>
Flow, MG Effluent, monthly total		33	32.
Flow, MG Daily Influent Flow, avg.	N/A	1.2	1.3
Flow, MG Daily Discharge Flow, avg.	2.1	1.1	1.1
Effluent BOD ₅ , lbs/d, monthly avg.	350	16	35
Effluent TSS, lbs/d, monthly avg.	525	38	42
Effluent BOD ₅ , mg/L, monthly avg.	20	2	3
Effluent TSS, mg/L, monthly avg.	30	4	4
Total Coli form 7 day Median Max	23	0	0
Total Coli form Daily Maximum	240	2	0
% Removal BOD ₅ , monthly avg.	85% min.	99	99
% Removal, TSS, monthly avg.	85% min.	96	94
Electrical Conductivity, umhos/cm annual avg.	2100	2125	2158

Blue – new parameter added

National Pollution Discharge Elimination System (NPDES)

NPDES Related Excursions	Permit Parameter	NPDES Parameter Limit	Actual Parameter Result
0	N/A	0	N/A

Bacteriological Test Results:

Routine Bacteria Samples Collected	No. Total Coliform Positives	No. Fecal/E. coli Positives	7-Day Median Excursion
13	0	0	0

# of Active Lift Stations	# of Inactive Lift Stations	SSO	Wastewater Received (MG)
15	0	0	38.1

COLLECTION:

- Flushing schedule to resume in the fall.
- CCTV completed
- Inspected 0 manhole & covers. 0 YTD
- Performed weekly lift station inspections.

MAINTENANCE:

Preventive and Corrective

Total # of WO's Completed	Total Hours
161	4566

Work Order Back-Log

Aging 8 - 30 Days	Aging > 30 Days
41	38

Call & Emergency Responses

Call Outs	Emergencies
6	0

Personnel Hours & Overtime:

Regular Hours	Overtime
1344	29

TERMS

WWTP

WASTEWATER TREATMENT PLANT

WTP	WATER TREATMENT PLANT
WL	WILLOW LAKE
NP	NEWPORT
VFD	VARIABLE FREQUENCY DRIVE
WO	WORK ORDER
PLC	PROGRAMMABLE LOGIC CONTROLLER
L/S	LIFT STATION
SSO	SANITARY SEWER OVERFLOW
BOD	BIOLOGICAL OXYGEN DEMAND
TSS	TOTAL SUSPENDED SOLIDS
MGD	MILLION GALLONS PER DAY
mg/l	MILLIGRAMS PER LITRE
CCTV	CLOSED CIRCUIT TELEVISION
PPM	PARTS PER MILLION
RAS	RETURN ACTIVATED SLUDGE
WAS	WATSE ACTIVATED SLUDGE
UV	ULTRAVIOLET LIGHT